City of Vernon
Health & Environmental Control Department
Stormwater Management Program
Stormwater Treatment Control Best Management Practices (BMPs) Not Approved

BMP devices listed are not approved for installation within the City of Vernon. Products on this list may have been modified or improved without notification to this Department. Products can be removed from this list if the product manufacturer can demonstrate listed concerns have been adequately addressed.

Last updated on 09/03/08.

Make	Model	Type	Reason for non-approval
1. Kristar	Trash and Debris Guard	Post Construction	Does not meet minimum SUSMP requirements for mitigated flow rates. Device cannot maintain debris that is captured. Water flows around mesh and around absorbent sock.
2. Buzzard Erosion Control Products	Buzzard Bag	Construction	Poor silt removal performance.
3. Ocean Protection Technologies	Drop Inlets	Post Construction	Does not freely drain and designed to hold at least 2 inches of standing water.
4. Ocean Protection Technologies	Curb Inlets	Post Construction	Does not freely drain. Holds water causing a mosquito breeding problem.
5. Ocean Protection Technologies	In-line Downspout Filter OPTDS	Post Construction	Typically installed underground. Difficult to locate and identify. Must be excavated and taken off-line to inspect. Must be excavated and taken off-line to service.
6. Storm Water Management	Catch Basin Storm Filter	Post Construction	Designed to hold 10-25 gallons of standing water with easy access for mosquitoes.
7. Kristar	Trench Drain Media Filter	Post Construction	Prone to hold water beyond 72 hours.
8. Best Manageme	The Snout	Post Construction	Designed to hold water beyond 72 hours. Device may not retain trash

nt Products (BMP)			and debris that is captured. Not designed for medium or high flow applications.
9. Triton	T-Dam Filter	Post Construction	No adequate filter flow rate from manufacturer or third party. Not designed to freely drain.
10. Revel Environmental Manufacturing, Inc.	Triton Models	Post Construction	No designed performance data available.
11. Drain Pac	Storm Drain Filter Inserts	Post Construction	No designed performance data available.
12. Kristar	Flo-Gard+Plus	Post Construction	Hydrocarbon sock placement allows significant amount of non-contact to rainwater. Durability of nylon netting is questionable for heavy industrial applications.
13. Continuous Deflective Separation	CDS Units	Post Construction	Designed to retain significant amount of water without any engineered pest control prevention barrier.
14. Kristar	Flo-Gard	Post Construction	Hydrocarbon sock placement allows significant amount of non-contact to rainwater. Nylon netting is prone to tearing and questionable for heavy industrial applications.

Due to the lack of an industry standard for testing of stormwater mitigation devices the following questions are listed to assist in product review;

1. Does the device have a tested filtration flow rate?
2. Does the device meet the minimum mitigated flow rate requirement?
3. Does the device's overflow capacity meet the drainage calculation for the project?
4. Has the device been third party tested?
5. Is the device designed to freely drain completely?
6. Does the device retain water for more than 96 hours following a rain event?
7. Is the device designed to filter vertically or laterally?
8. Are there any special features that prevent vector breeding conditions?
9. Are there any special design or installation features that hinder the inspection and maintenance of the device?
10. Is the device designed to retain the constituents that it has filtered from stormwater?

11. Is the device reasonably durable for a heavy industrial application?
12. Does the manufacturer warranty the product for more than one year from purchase date?
13. Can the device reasonably mitigate the constituent it was designed for?
14. Can the device be modified to adequately address all concerns mentioned above without compromising performance?